

SITE INFORMATION

Site Identifier : BK2RB2

Landowner Type : Private

Site Name :

Landowner Name : Puget Power

WRIA : 03.0435X

Address :

Region : NS

Address2 :

Trib to : Lk Shannon

City :

River Mile : 7.10

State :

River System : Baker R

Zipcode :

Legal Description : NE1/4S12T36NR8E

Phone :

County : Skagit

Habitat Type : lower valley wall tributary

Directions :
Site is most easily accessed by boat from the Lake Shannon launch. Site is on the left bank upstream approximately 5.5 miles. See map.

Area Overview :
Site is a small, low gradient stream that offers some fair spawning habitat and fair to good rearing habitat throughout the reach that is accessible. Large numbers trout were present. This stream has the longest anadromous reach of any site mapped draining into Lake Shannon.

Field Survey Information

Date : 7/20/98

Observer : Barkdull

Survey Type : initial

HABITAT INFORMATION

Water Source: ☐ Spring ☐ Groundwater ☒ Surface runoff

Flow: ☐ Intermittent☒ Year-round

Estimated Flows (cfs): Lower end: 0.2
Upper end: 0.2

Water Temperature(C): Lower end: None taken
Upper end:

Receiving Water Temperature (C):

Other Observations:

Site Area Measurements: ☐ Indirect ☒ Direct ☐ Combination
Widths: Channel:1.3 Ponds: Wetlands:
Depths: Channel: 0.2 Ponds: Wetlands:
Total length (includes ponds and wetlands):295

Total existing habitat area (est. m2):400

Spawning area: Mainstem:100 Tribs: Total:100

Impounded area: Mainstem: Tribs: Total:0

Other rearing area: Mainstem:400 Tribs: Total:400

Unaccessible habitat: Mainstem: Tribs: Total:

Spawning habitat conditions: ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

Describe spawning habitat:Gravel is a very mixed bag with some patches of evenly graded gravel and patches with large cobbles and silt. All is volcanic in origin and is very rough and abrasive.

Rearing habitat conditions: ☐ None ☐ Poor ☐ Fair ☒ Good ☐ Excellent

Describe pond and other rearing habitat: In the lower 65 meters stream is low gradient, very incised with mud banks, lots of woody debris and is open with tall canary grass surrounding the channel. At 65 meters the stream enters an alder forest with low banks, still low gradient with mixed pools and riffles, good woody debris and overhead cover. A nice stream. At 273 meters the channel start to gain gradient with fewer pools until there is no longer access due to the gradient at 295 meters.

Describe inaccessible habitat:

Wetland type: ☐ Bog ☐ Marsh ☐ Scrub-shrub ☐ Forested

Describe:

Flooding potential: ☐ Low ☒ Medium ☐ High

Describe: Stream appears to be moderately stable.

FISH INFORMATION

Site entry condition: ☐ Poor ☐ Fair ☒ Good

Describe: Stream is low gradient and very accessable where it enters Lake Shannon

Coho access and use: Juvenile ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good
Adult ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Describe: Coho only have access to Shannon Lake when spill occurs or by going through the turbines at upper Baker Dam. Adult salmon and steelhead are trapped below lower Baker Dam and hauled upstream and released into Baker Lake.

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

Describe: Many trout were observed on the day of the survey

ENHANCEMENT OPPORTUNITIES: None

Project type:

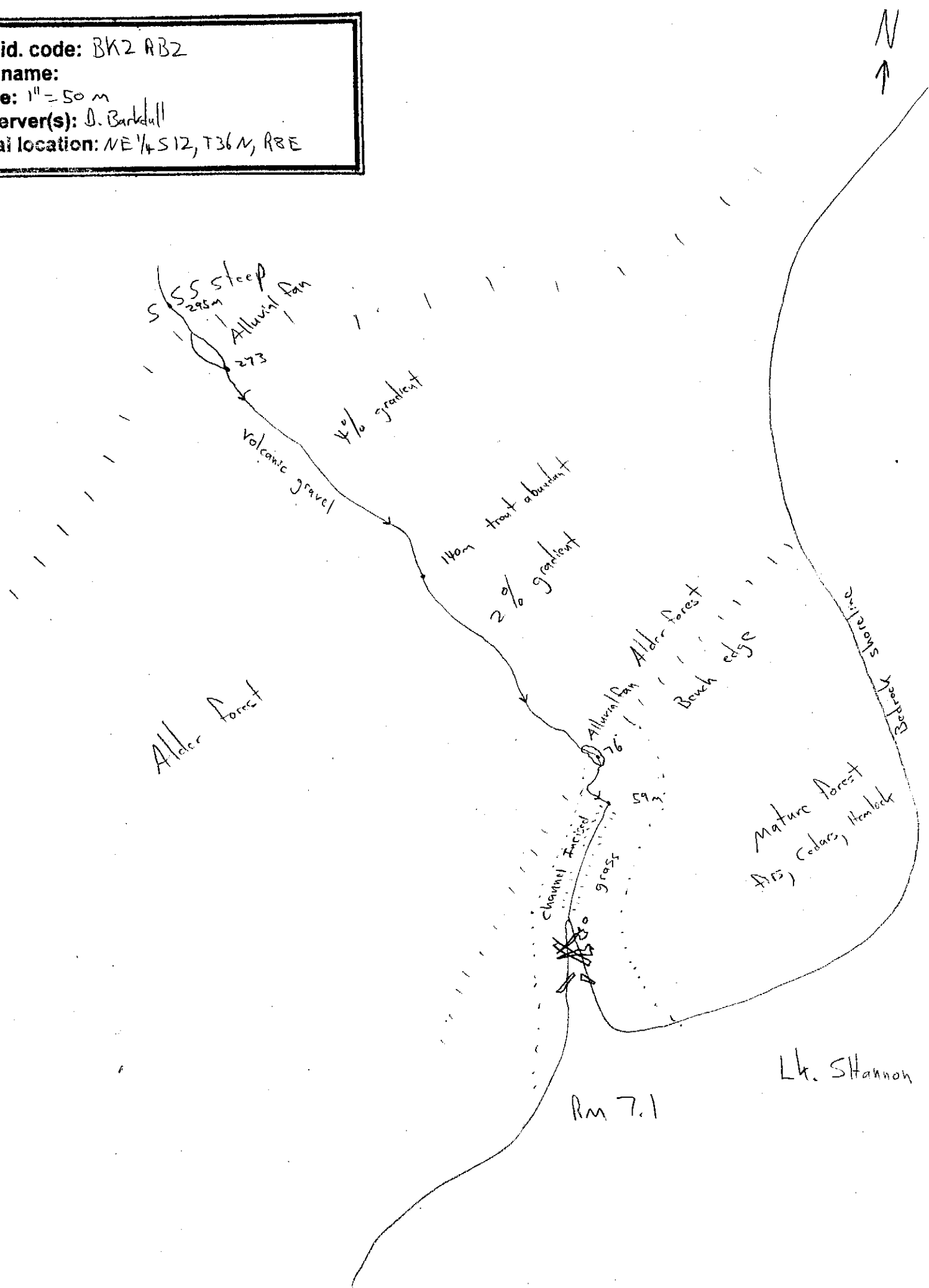
Equipment access:

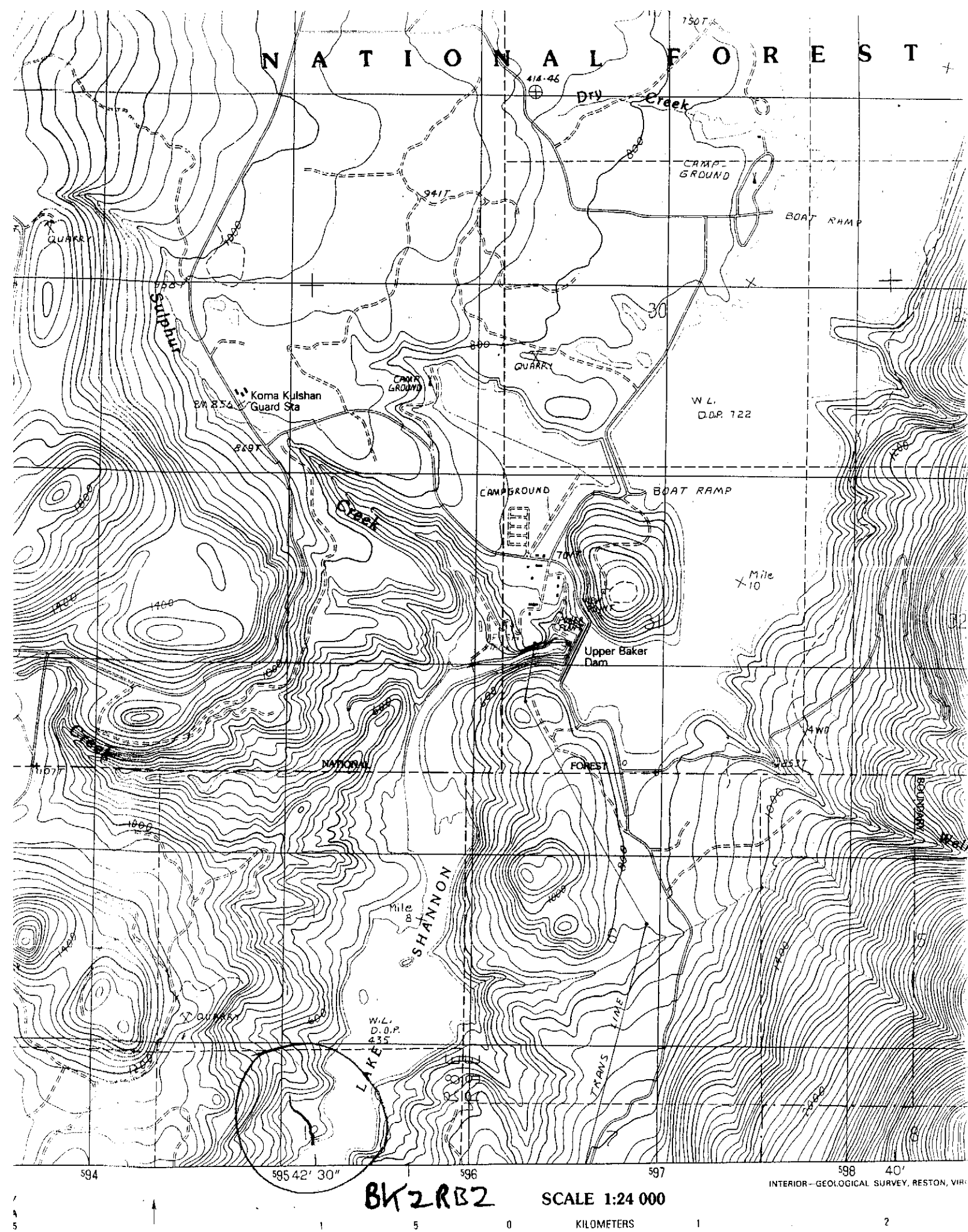
ADDITIONAL COMMENTS

ATTACHMENTS AVAILABLE

☐ Aerials ☒ Sketch ☒ Maps ☐ Spawning Surveys ☐ Juvenile Trapping
☐ Other References

Site id. code: BK2 RBZ
Site name:
Scale: 1" = 50 m
Observer(s): D. Burkett
Legal location: NE 1/4 S12, T36N, R8E





7/20/98 Feb to Shown Lk
on RB #1 for day

6.0 0.2 cfs canary grass

26 1.8 wide, < 1% gradient
many fish (tr?) observed
large gravel & mud, some
spawning possible

59 1.0 channel very incised 4 1/2%

65 0.5 enters oxbow

76 1.0 starts gravel ch.
unsorted gravel, diurnal fin

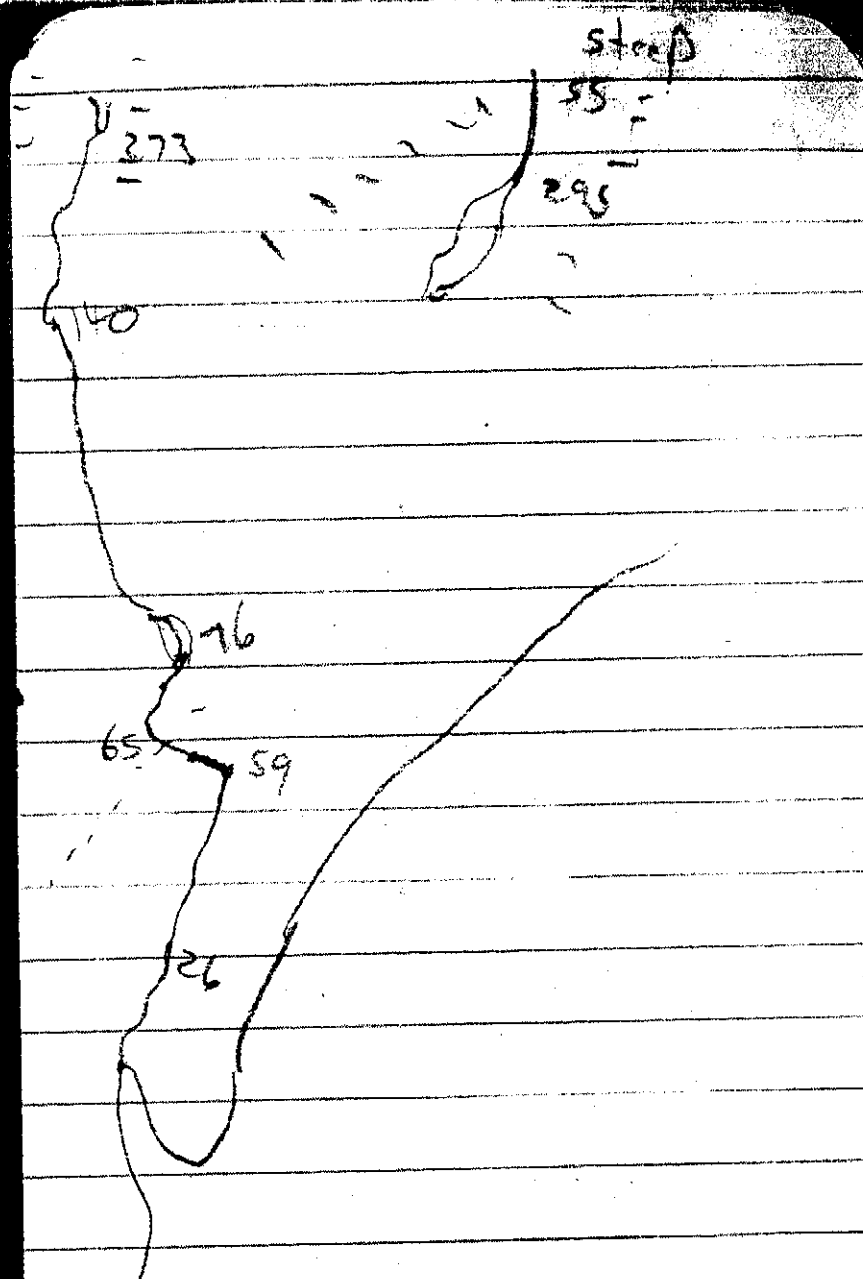
140 1.0 2% gradient, trout
everywhere

273 1.5 wide 1/2% gradient

ch. splits, 2nd growth forest 20

295 2.0 6% end of access

pitches of large gravel
Volcanic Rock



7/20/92 trib to Shallow Lf
on RB #1 for day

0.0 0.2 cfs canary grass

26 1.8 wide, < 1/10 gradient

many fish (tr?) observed

large gravel & mud, some

spawning possible